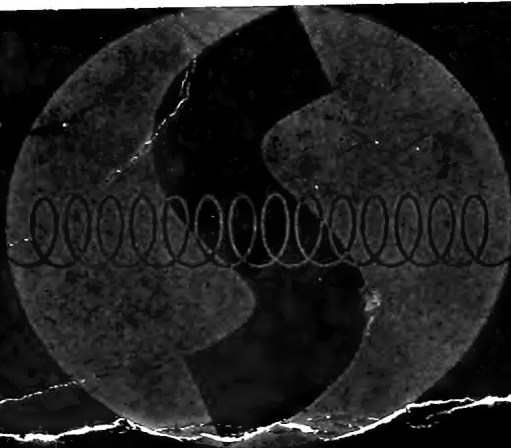


9408

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9474 ✓



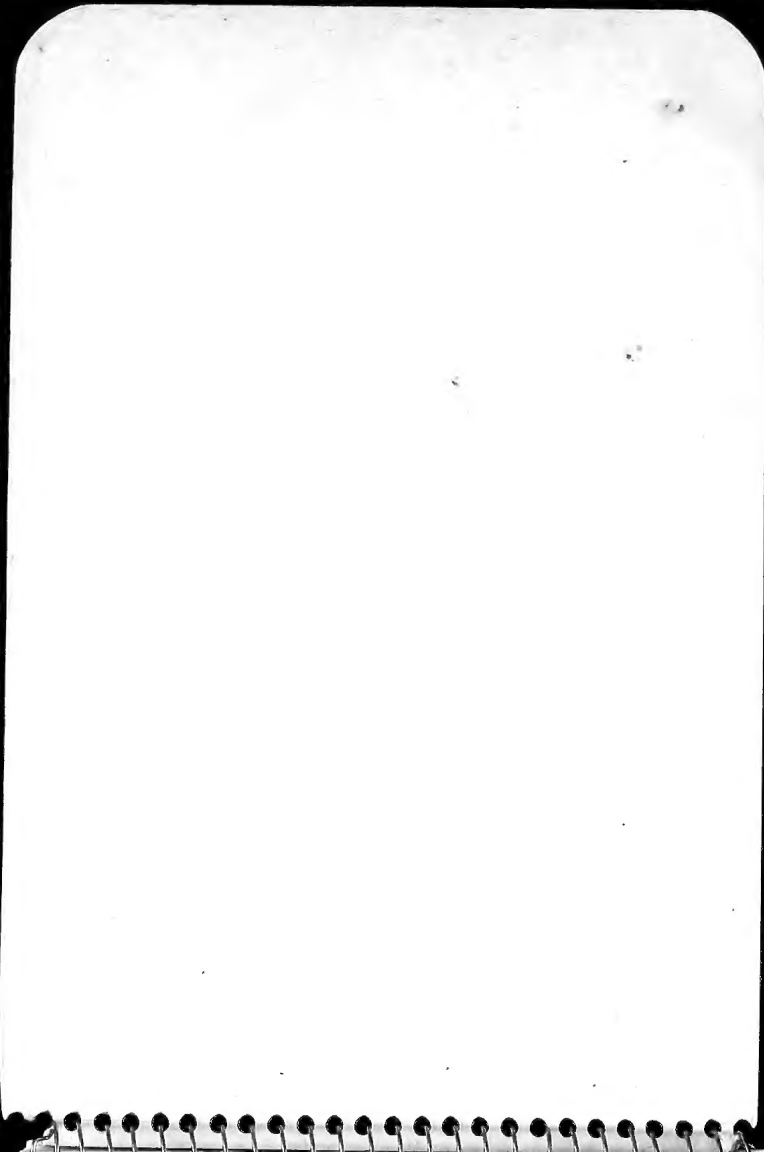
NOTE BOOK

685

REG. U. S. PAT. OFF.

15¢

PLUS TAX IF APPLICABLE

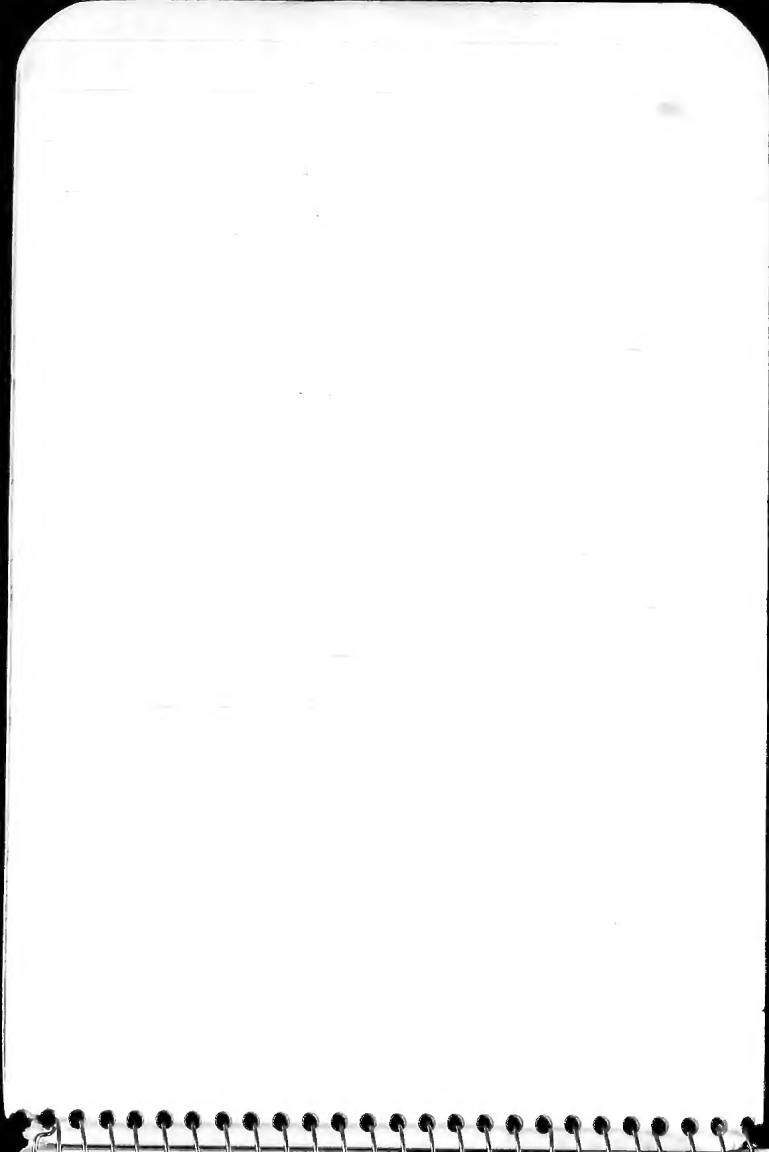


\$5. 00 REWARD

for return to

Dr. Arthur Cronquist  
New York Botanical Garden  
Bronx Park  
New York 58, N.Y.

N. 576



9408. July 2, 1961 - Cronquist +  
Noel Holmgren. Open, rocky,  
granitic, rather loose, south-  
west slope just under the  
summit of Abajo Peak; Abajo  
Mts., west of Monticello,  
San Juan Co., Utah. Twp. 34S,  
R 22E., about S. 12. Elevation  
11,300 feet. Stems 1-several.  
Flowers blue-lavender.

*Phacelia sericea* (Grah.) Gray  
var. *ciliosa* Rydb.

*Phacelia sericea* (21) ✓

9409 - July 2, 1961 - Cronquist  
+ Noel Holmgren. Same place as 9408.  
Flowers white.

*Arenaria* (15)

9410 - July 2, 1961 - ~~Sam~~  
Cronquist & Noel Holmgren.

Same place as 9408.

Flowers blue, stems clustered  
on a taproot and branching  
caudex.

*Lupinus argenteus* Pursh,  
sens. lat.

*Lupine*

⑨



9411 - July 2, 1961 - Cronquist  
& Noel Holmgren. Rocky,  
granitic, northwest slope  
just under the summit of  
Abajo Peak, Abajo Mts, east  
of Monticello, San Juan Co.,  
Utah. Twp. 34 S., R. 22 E., about  
S. 12. Elevation 11,340 feet.  
Plants in small tufts, without  
long rhizomes. Inflorescence  
nudding.

*Carex epapillosa* Mach.

*Carex*

(13)





9412 - July 2, 1961 - Cronquist  
+ Noel Holmgren. Loose, granitic,

southwest-facing road cut  
a little below the summit of  
Abajo Peak, Abajo Mts., ~~to~~  
west of Monticello, San Juan  
Co., Utah. Twp. 34S, R. 22E,  
about S. 12. Elevation 11,100  
feet. Flowers white.

*Cerastium beeringianum* Cham. +  
Schlecht.

*Cerastium*

~~20~~ (20)

7413 - July 2, 1961 - Cronquist  
& Noel Holmgren. Open, grassy  
southwest slope just west of  
Dickson Pass; Abajo mts., west  
of Monticello, San Juan Co.,  
Utah. Twp. 34S., R. 22E., about S. 13.  
Elevation 10,500 feet. Plants  
mexican, mostly single-  
stemmed, typically mono-  
carpic, but sometimes  
flowering for 2 years. Corolla  
pink, the limb finely pink-spotted  
on a nearly white background.

*Gilia aggregata* (Pursh) Spreng.  
approx. var. *attenuata* Gray

*Gilia aggregata*

~~2~~ (17) ✓

9414 July 2, 1961 Cronquist  
& Noel Holmgren. Same place  
as 9413. Flowers blue.  
Stems clustered on a taproot  
and branching caudex.

~~Lupinus alpestris Gr. Hal.~~

Lupinus argenteus Pursh, sens.  
lat.

—

⑦

✓

9415- July 2, 1961 - Cronquist  
& Noel Holmgren. Rocky, gravelly,  
granitic substrate at Dickson  
Pass; abajo mts, west of  
Monticello, San Juan Co., Utah.  
Twp. 34S., R. 22E., about S. 13  
Elevation 10,450 feet.

*Anemone globosa* Nutt.

*Anemone globosa* ① ✓

9416 - July 2, 1961 - Cronquist  
& Noel Holmgren. Same place  
as 9415. Plentiful here, but  
just beginning to bloom. Rays  
white or bluish.

*Erigeron abajensis* Cronq.

*Erigeron abajensis*

①

✓

9417 - July 2, 1961

Crangquist + Noel Holmgren

Same place as 9415. Flowers yellow.

Growing with #9418 *P. concinna*  
var. *concinna*, and much resembling  
it, but with pinnate instead  
of palmate leaves

*Potentilla concinna* Lhm.

var. *rubripes* (Rydb.) C. L. Hitchc.

*Potentilla-pinnata* (5) ✓

9418 - July 2, 1961 Cronquist  
& Noel Holmgren. Same place  
as 9415. Growing with # 9417.  
*P. concinna* var. *subripes*,  
and much resembling it, but  
with palmate instead of pinnate  
leaves. Flowers yellow.

*Potentilla concinna* Ledeb.  
var. *concinna*

*Potentilla palmata*

⑦



9419 - July 2, 1961 Cronquist  
& Noel Holmgren. Same place as  
9415. Flowers yellow, the  
petals suberect and more  
persistent than in many other  
species of *Potentilla*.

note only one n!

*Potentilla* *pensylvanica* L.,  
sens. lat.

*Potentilla* - erect pet.

(13)



9420 - July 2, 1961 - Cronquist &  
Noel Holmgren - Loose, rocky,  
granitic roadside banks, a  
little northwest of South Peak;  
Abajo Mts, west of Monticello,  
San Juan Co., Utah. Twp. 34 S.,  
R. 22 E., about S. 13. Elevation  
10,200 feet. Flowers yellow.

*Draba aurea* Vahl

*Draba*

(2)

7421 - July 2, 1961 Cronquist  
+ Noel Holmgren. Loose, rocky  
(granitic) road cuts on the  
southwest ridge of South Peak;  
Albajón Mts., west of Monticello,  
San Juan Co., Utah. Twp. 34S.,  
R. 22E., about S. 23. Elevation  
9700 feet. Flowers an  
unusual ~~dark~~ shade of  
dark purple, appearing some-  
what blackish in the shadow,  
more obviously reddish <sup>purple</sup> in  
transmitted light.

*Penstemon whippleanus* Gray

9760

*Penstemon*

(13)



9422- July 2, 1961 - Cronquist  
& Noel Holmgren - Rocky, granitic  
soil on southwest slope of  
South Peak; Abajo Mts.,  
west of Monticello, San Juan  
Co., Utah. Twp. 34 S., R. 2 & E.,  
near the ~~south~~ southwest  
corner of S. 24. Elevation 9600  
feet. Rays white to light  
blue-lavender.

*Erigeron abajensis* Cronq.

*Erigeron abajensis*

(16)

✓

9425 - July 2, 1961. Moist  
soil along small stream in  
wash just below Kane Springs,  
about 15 miles south of Moab,  
San Juan Co., Utah. Twp. 28S.,  
R. 22E., S. 1. Elevation 5000 feet.  
~~Bract-tipped~~ Upper bracts  
tipped with bright red.  
Plants single-stemmed,  
apparently short-lived.

*Castilleja exilis* A. Nels.  
despt. det. Marion Cunningham

*Castilleja*

(16)



9424 - July 3, 1961 - Cronquist  
& Noel Holmgren. Very sandy  
soil in the desert  $5\frac{1}{2}$  miles  
northwest of Hanksville,  
Wayne Co., Utah. Twp. 27S.,  
R. 11E. Elevation about 5000  
feet. Flowers papery-white.

*Heliotropium convolvulaceum*  
(Nutt.) Gray

white corolla (7)



9425 - July 4, 1961 - Cronquist  
& Noel Holmgren. With sagebrush  
and scattered trees along Bull  
Creek, a little southwest of  
Bull Mt.; Henry Mts., 20 miles  
south of Harksville, Garfield  
Co., Utah. Twp. 31 S., R. 10 E.,  
about S. 12. Elevation about 7500  
feet. Stems clustered or  
solitary. Flowers light  
blue (the tube paler than the  
lobes), varying to occasionally  
lavender-pink.

*Penstemon comarrhenus* Gray

*Penstemon* *fruticulosus*, (32) ✓

9426 - July 11, 1961 - Cronquist &  
Noel Holmgren - same place as  
9425. Flowers bright red,  
Herbage somewhat glaucous.

*Penstemon bridgesii* Gray

red *Penstemon*

⑦



9427 - July 4, 1961 -  
With scattered ponderosa pines  
along Bull Creek, a little  
southwest of Bull Mt.;  
Honey Mts., 20 miles south  
of Hanksville, Garfield Co.,  
Utah, Twp. 31 S., R. 10 E., about  
S. 12. Elevation about 7500 feet.  
Flowers white, the banner  
with purple lines.

*Astragalus tenellus* Pursh

det. R. C. Barneby

*Astragalus* (11) ✓



9428 - July 4, 1961 - Cronquist

2 Noel Holmgren - ~~With~~

With scattered trees in dry  
wash just off Bull Creek,  
a little southwest of Bull  
Mts.; Henry Mts., 20 miles  
south of Hanksville, Garfield  
Co., Utah. Twp 31 S., R. 10 E.,  
about S. 12. Shrubs 1-2 m.  
tall. Flowers whitish.

*Holodiscus dumosus* (Nutt.) Heller  
var. *glabrescens* (Greenm.) C. L. Hitchc.

*Holodiscus*

(17)



9429 - July 4, 1961 Cronquist  
& Noel Holmgren In open  
aspen groves along Bull Creek,  
a little southwest of Bull Mt.;  
Henry Mts., 20 miles south  
of Hanksville, Garfield Co., Utah  
Twp. 31S., R10E., about S. 12.  
Elevation about 7500 feet.  
Plants up to about 1 m. tall,  
with clustered stems.  
Flowers blue-lavender.

*Lupinus argenteus* Pursh,  
sens. lat.

43  
Lupine ⑨ ✓

9430-July 5, 1961 Cronquist -  
+ Rose Holmgren. Open, rocky  
granitic point overlooking  
the east fork of Bull Creek;  
Henry Mts., <sup>about</sup> 24 miles south  
of Hanksville, Garfield Co., Utah.  
Twp. 31 S., R. 10 E., S. 23  
Elevation about 9500 feet.  
Rays blue-lavender.

*Erigeron abajensis* Cronq.

*Erigeron* aff. *caespitosus* (20)

9431- July 5, 1961 - Cronquist  
& Noel Holmgren. Same place  
as 9430. Flowers light yellow.

*Paronychia sessiliflora* Nutt.

Caryophyll (6) ✓ ✓

9432 - July 5, 1961 - Cronquist &  
Noel Holmgren - Open, <sup>granitic</sup> rocky, &

slope, and in better soil at the  
edge of the timber, overlooking  
the east fork of Bull Creek;

Henry Mts. about 25 miles south  
of Hanksville, Garfield Co. Utah.  
Twp. 31 S., R. 10 E., S. 22.

Elevation about 10,000 feet.

Flowers varying from burnt  
red-orange through orange  
to yellow. Leaves green, not  
glaucous.

*Pseudocymopterus montanus*  
(Gray) Coulter & Rose

9433 - July 5, 1961 - Cronquist  
+ Noel Holmgren - Same place  
as 9432 - Plants varying from  
distinctly taprooted to more  
or less rhizomatous, the slender  
stems that arise from the  
taproot often creeping for  
some distance below-ground.  
Flowers whitish, the keel  
purple-tipped.

*Astragalus miser* Dougl.

var. *oblongifolius* (Rydb.) Cronq.

det. R. C. Barneby.

*Astragalus miser* (5) —

9434 - July 5, 1961 - Cronquist  
& Noel Holmgren - open, rocky,  
granitic slope overlooking the  
east fork of Bull Creek; Henry  
Mts., about 25 miles south of  
Hanksville, Garfield Co., Utah.  
Twp. 31 S, R 10 E, S. 22.  
Elevation about 10,000 feet.

*Lesquerella*  $\frac{1}{2}$  *wardii* Wats.

*Lesquerella*

8

9435 - July 5, 1961 - Cronquist  
& Noel Holmgren - Edge of  
spruce woods on slope overlooking  
the east fork of Bull Creek; Henry  
Mts., about 25 miles south of  
Hanksville, Garfield Co., Utah.  
Twp. 35S., R. 10E., about S. 27.  
Elevation about 10,000 or  
10,500 feet. Stems mostly  
solitary, occasionally 2 or 3  
together, root slender; flowers  
blue

*Mertensia viridis* A. Nels.  
Nels.

*Mertensia* (E) ✓



9436 - July 5, 1961 - Cronquist  
& Noel Holmgren. Open sparse  
woods on slope overlooking  
the east fork of Bull Creek;  
Henry Mts., about 25 miles south  
of Hanksville, Garfield Co., Utah.  
Twp 31 S., R. 10 E., about S 27.  
Elevation about 10,000 or 10,500 ft.  
Flowers light blue.

*Polemonium pulcherrimum* Hook.  
var. *delicatum* (Rydb.) Cronq.

*Polemonium*

(2)

7437- July 5, 1961 - Cronquist  
+ Noel Holmgren. Open rocky,  
loose almost talus-like granitic  
west slope overlooking the  
east fork of Bull Creek; Henry  
Mts., about 25 miles south  
Hanksville, Garfield Co., Utah.  
Elevation about 10,000 or 10,500  
feet. Twp. 31 S., R 10 E., about  
S. 27. Plants taprooted, and  
also producing adventitious  
creeping rhizomes. Leaves glaucous  
+ lamina yellow.

*Oreoxis alpina* (Gray) Coulter.  
J Rose

*Cymopterus* (10) ✓

9438 - July 5, 1961 - Cronquist  
+ Noel Holmgren. Same place  
as 9437. Leaves somewhat glaucous.

*Carlanthus glaber* (Jones)  
Rydb.

Dupl. det. Reed C. Rollins

*Streptanthus*

(8)

9439 - July 5, 1961. Cronquist  
& Noel Holmgren. Same place  
as 9437. Petals yellow, suberect,  
more persistent than in some  
other species of the genus.

note only one n.!

↓  
*Potentilla pennsylvanica* L.,  
sens. lat.

*Potentilla* ①



9440 - July 5, 1961 - Cronquist  
& Noel Holmgren. Same place as 9437.  
Flowers blue.

*Penstemon watsoni* Gray

*Penstemon*

(7)



9441 - July 5, 1961 Cronquist  
& Noel Holmgren. Loose, finely  
gravelly, talus-like, granitic  
west slope on Bull Mt;  
Henry Mts., south of Hanksville,  
Garfield Co., Utah. Twp. 31S,  
R. 11E., S. 6. Elevation about  
8500 feet. Flowers pinkish.

*Chaenactis douglasii* (Hook.) H. & A.  
sens. lat.

*Chaenactis* (6) ✓

9442 - July 5, 1961 - Cronquist &  
Noel Holmgren. Same place as 9441 -  
but - scattered from  
about 8500 to 9100 feet, just  
beginning to bloom. Flowers  
whitish.

*Eriogonum ostlundii* Jones

This has since been  
described as *E. cronquistii* Bernal

5068

*Eriogonum*

①

9003 - July 6, 1961 - Cronquist  
& Noel Holmgren - Open, loose,  
gravelly, granitic south  
slope a little east of Bull  
Creek Pass; Henry Mts., about  
25 miles south of Hanksville,  
Garfield Co., Utah. Twp.  
31 S., R. 10 E. Elevation about  
10,500 ft. Flowers white.

*Cerastium beeringianum* Cham.  
+ Schlecht.

*Cerastium* (12) ✓



9444. July 6, 1961 - Cronquist &  
Noel Holmgren With

scattered spruce on the  
summit ridge, just south  
of Bull Creek Pass; Henry Mts.,  
about 25 miles south of  
Hanksville, Garfield Co., Utah.  
Twp. 31 S., R 10 E. Elevation  
about 10,500 feet. Petals  
white.

*Heuchera parvifolia* Nutt.  
var. *flavescens* (Rydb.) R. B. L.

*Heuchera*

(10)



9445 - July 6, 1961 Cronquist  
& Noel Holmgren. Rocky,  
granitic crest of the summit  
ridge, a little south of Bull  
Creek Pass; Henry Mts., about  
25 miles south of Hanksville,  
Garfield Co., Utah. Twp. 31 S.,  
R 10 E. Elevation about 11,000  
feet. Plants tufted, not  
rhizomatous. Leaves blue-glaucous.

*Poa pattersonii* Vasey ✓

*Poa*

(22)



9446 - July 6, 1961 - Cronquist  
& Noel Holmgren. Rocky,  
granitic slope just under the  
crest of the summit ridge, a  
little south of Bull Creek  
Pass, Henry Mts., about 25  
miles south of Hanksville,  
Garfield Co., Utah. Twp. 3 S., R. 10 E.  
Elevation about 11,000 feet.  
Plants tufted, not rhizomatous

*Carex hepburnii* Booth

Apparently new to Utah

5121

Carex

(9)



1147 - July 8, 1961 - Cronquist  
& Noel Holmgren - open, rocky,  
granitic crest of the ridge  
leading northeast from the top  
of South Mt.; La Sal Mts.,  
southeast 1/4 Mosb, San Juan  
Co., Utah. Twp. 27S, R. 24E, S. 34.  
Elevation about 11,000 feet.

*Cymopterus hendersonii* (Coulter  
& Rose) Cronq.  
(= *Pterogydia* h.)

✓

1148 - *Psyllidra*?

*Cymopterus* (3) ✓

9448 - July 8, 1961 Cronquist  
& Noel Holmgren - Moist slope

along the ridge leading northeast  
from the crest of South Mt.,  
La Sal Mts., southeast of Moab,  
San Juan Co., Utah. Twp. 28 S, R.  
24 E., about S. 2. Elevation  
about 11,300 feet. Flowers white,

*Saxifraga rhomboides* Greene

*Saxifraga* (2) ✓

9449 - July 9, 1961 - Cronquist  
& Noel Holmgren. Rocky  
(granite & shale) ridge-top  
in first saddle along the ridge  
leading west from the summit  
of Mt. Peale, La Sal Mts., south-  
east of Moab, San Juan Co., Utah.  
Twp. 27 S., R. 24 E., S. 2 H. Elevation  
12,600 feet. Flowers yellow.

*Geum rossii* (R. Br.) Ser.  
var. *turbinatum* (Rydb.) C. L.  
Witch.

12,600 feet

*Geum rossii* (5) ✓

9450 - July 9, 1961 - Cronquist  
+ Noel Holmgren Same place  
as 9449. Plants forming dense  
mats. Flowers whitish, with  
lavender lines.

*Trifolium nanum* Torr.

Flower

(4)



151 - July 9, 1961 - Cronquist  
& Noel Holmgren - Same place  
as 9449 - Plants forming  
dense cushion mats. Flowers  
lavender-purple.

*Silene acaulis* L.

12 - 20

*Silene acaulis* (7) ✓



9452 - July 9, 1961 - Cronquist  
& Noel Holmgren. Rocky,  
granitic slopes and ridge-  
tops along the ridge leading  
west from the summit of  
Mt. Peale; La Sal Mts., southeast  
of Moab, San Juan Co, Utah.  
Twp. 77S, R. 24E, S. 23. Elevation  
12,400 feet. Well scattered over  
the upper slopes of the mountain, up  
to the summit cairn. Reproductively  
25-38, lavender at first, becoming  
white.

*Erigeron vagus* Payson

25 35 rays.

*Erigeron vagus*

(18)

✓

5452 - July 9, 1961 - Cronquist  
& Noel Holmgren - Along the  
rocky, granitic crest of the  
ridge leading from Mt. Peale  
toward Mt. Mellenstein and Mt.  
Tukuhnikivatz; La Sal Mts.,  
southeast of Moab, San Juan Co.,  
Utah. Twp. 27 S., R. 24 E., S. 23.  
Elevation 12,200 feet. Heads  
yellow. Not abundant.

*Erigeron nanus* Rydb.

12200

*Erigeron nanus*

(11)

✓

9454 - July 9, 1961 - Cronquist  
+ Noel Holmgren - Same place as

9453. Plants forming dense  
cushion-mats. Flowers white

*Arenaria obtusiloba* (Rydb.) Fern.

✓

in the canyon

(3)

✓

9455 - July 9, 1961. Cronquist  
+ Noel Holmgren Same place  
as 9453.

*Oreoxis bakeri* Coulter & Rose

(fl. yellow?)

*Lysimachia*

(3)



9456 - July 9, 1961 - Cronquist  
& Noel Holmgren - Same place as  
9453. Spikes appearing blackish.  
Plants only loosely tufted,  
with short rhizomes.

*Carex albonigra* Mack.

Ala. Carex (2) ✓

9057 - July 9, 1961 - Cronquist  
& Noel Holmgren - ~~San Juan~~  
Gravelly, granitic soil just  
under the crest of the ridge  
leading from Mt. Peale toward  
Mt. Mellenheim and Mt.  
Tuckuhnikinatz; La Sal Mts.,  
southeast of Moab, San Juan  
Co., Utah. Twp. 27S., R. 24E.,  
S. 23. Elevation 12,200 feet.  
Plants densely tufted, not  
rhizomatous.

*Carex elynoides* Holm

dwarf Carex

(16)



9458 - July 9, 1961 - Cronquist &  
Noel Holmgren - Same place as  
9453. Flowers red-purple.

*Trifolium dasyphyllum* Torr.

Cronquist - no!

(7) ✓

9059 - July 9, 1961 - Cronquist  
& Noel Holmgren - Gravelly, granitic  
soil along the crest of the ridge -  
otherwise no 9<sup>4</sup>53.

Bracts dull brownish purple  
toward the base, light yellow  
~~to~~ distally.

*Castilleja occidentalis* Torr.  
Dupl. det. M. Robinson

*Castilleja* (6) ✓



9463 - July 9, 1961 - Cronquist  
& Noel Holmgren - Moist,  
gravelly, granitic soil of  
saddle between Mt. Peale and  
Mt. Tekukhnikivatz, at the  
south end of the ridge leading  
to Mt. Mellenuthin, La Sal Mts.,  
southeast of Moab, San Juan  
Co., Utah. Twp. 27S, R. 24E., S. 23.  
Elevation 12,200 feet. Flowers  
white.

*Saxifraga rhomboides* Greene

La Sal Mts

③



9461 - July 9, 1961 - Cronquist  
+ Noel Holmgren - Same place  
as 9460. Flowers lavender.

*Trifolium parryi* Gray

claw - broad base

(4)

✓✓

9462 - July 9, 1961 - Cronquist  
+ Noel Holmgren - Gravelly, granitic  
soil along the crest of the ridge  
leading from Mt. Peale to Mt.

Millenthin and Mt. Tekuhnikivat<sub>3</sub>  
La Sal Mts., southeast of  
Moab, Grand Co., Utah. Twp. 27 S.,  
R. 24 E., S. 23. Elevation 12,310 feet  
Flowers yellow.

*Potentilla nivea* L.

*Potentilla*

(6)



9463 - July 9, 1961 - Cronquist  
& Noel Holmgren. Same place  
as 9460.

*Artemisia scopulorum* Gray

10 202

*Artemisia* (3) ✓✓

9464 - July 9, 1961. Cronquist &  
Noel Holmgren - same place as  
9453. Heads yellow. Rays mostly  
about 13.

*Senecio fremontii* T. & G.  
var. *blitoides* (Greene) Cronq.

*Senecio laevis* (2) ✓

9465 - July 9, 1961 - Cronquist  
& Noel Holmgren - same place  
as 9453. Well scattered over  
the upper reaches of the mountain,  
up to the summit cairn.  
Plants epiphytic. Flowers blue.

*Polemonium viscosum* Nutt.

5209

*Polemonium viscosum* ✓ (6)

9466- July 10, 1961- Cronquist +  
Noel Holmgren. Moist meadow  
about Medicine Lake, just east  
of La Sal Pass, La Sal Mts., southeast  
of Moab, San Juan Co., Utah. Twp.  
27S., R. 24E., S. 35. Elevation  
10,000 feet. Plants single-  
stemmed. Disk orange.  
Ray yellow, 6-13, often 13.

*Senecio dimorphophyllus* Greene  
var. *intermedius* T. M. Barkley



*Senecio dimorphophyllus* (35)

7467 - July 10, 1961 - Cronquist  
& Noel Holmgren - Edges of  
timber around meadow  
near Medicine Lake, just east  
of La Sal Pass; La Sal Mts.,  
southeast of Moab, San  
Juan Co., Utah. Twp. 27 S.,  
R. 24 E., S. 26. Elevation  
10,000 feet. Bracts light  
yellow

*Castilleja sulphurea* Rydb.  
dupl. det. Marian Cushman

*Castilleja* (15) ✓



9468 July 10, 1961. Same  
place as 9466, but S. 35.  
Flowers  
lavender or lavender-purple.

*Trifolium kingii* Wats., sens. lat.

Checker

(12)

✓

9469 - July 10, 1961 - Cronquist  
& Noel Holmgren. Moist soil  
at edge of timber around  
meadow at Medicine Lake,  
just east of La Sal Pass; La Sal  
Mts., southeast of Moab,  
San Juan Co., Utah. Twp. 27S.,  
R. 24E., S. 35. Elevation 10,000  
feet. Stems clustered on a  
large, soft taproot. Flowers  
blue.

*Mertensia franciscana* Heller

*Mertensia*

(13)



9470 - July 10, 1961 - Cronquist  
+ Noel Holmgren - Open, gravelly,  
granitic south slope over-  
looking Medicine Lake, just east  
of La Sal Pass; La Sal Mts.,  
southeast of Moab, San Juan  
Co., Utah. Twp. 27S., R. 24E.,  
S. 26. Elevation 10,400 feet.  
Rays 53-107 (based on several  
counts), white to occasionally  
lavender.

*Erigeron flagellaris* Gray  
var. *flagellaris*

53-107

*Erigeron flagellaris*

(11)

9471 - July 10, 1961. Cronquist  
& Noel Holmgren. Same place  
as 9470. Flowers blue.

*Penstemon strictus* Benth.

*Penstemon* (11) ✓

9472 - July 10, 1961 - Cronquist  
+ Noel Holmgren. Same place  
as 9470. Shrubs only 2-4  
dm. tall. Flowers pink, some-  
times very pale.

*Rosa nutkana* Presl.  
var. *hispida* Fern.

*Rosa* (10) V

9473 - July 10, 1961 - Cronquist  
& Noel Holmgren - same place  
as 9470 - but elevation 10,300 feet.  
Flowers bright red, the limb  
red and white - speckled.  
Plants caespitose, mostly flower-  
ing only once, but sometimes  
surviving to flower a second  
year.

*Lilium aggregata* (Pursh) Spreng.  
var. *aggregata*

*Lilium aggregata* (7) ✓

9474 - July 10, 1961 - Cronquist  
& Noel Holmgren - Edges of timber,  
in dry meadow near Medicine  
Lake, just east of La Sal Pass;  
La Sal Mts., southeast of Moab,  
San Juan Co., Utah. Twp. 27S.,  
R. 24E., S. 26. Elevation 10,000 feet.  
Plants single-stemmed, viscid.  
Petals dull purplish, shallowly  
notched at the tip.

*Lychnis drummondii* (Hook.) & Wats.  
var. *striata* (Rydb.) Maguire

det. Bassett Maguire

5308

*Silene* (5)

✓

22	23
27	26

- 9474 - *H. grandiflorus* 20-35 rays  
 sat saddle (7)
- 9475 - *Draba* - talus (1) 11,500±
- 9476 - *Carex* - timberline (7)
- 9477 broad lf. (1) about small seepage
- 9478 hybrid (2) streambed under blue  
 snow in canyon
- 9479 narrow lf. (3) east of mt. 11,000 feet
- 9480 - *Senecio* 10,800 (8)
- 9481 - *Polemonium* (6)
- 92001 - S. 36
- 9482 - *Iliaxia* (4) - white - 520.8500'



